

STATE OF IOWA



Vulnerability Assessments

**A Critical Step in
Securing Your Networks.**



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INFORMATION TECHNOLOGY DEPARTMENT
STATE OF IOWA



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To Whom it May Concern,

The bearer of this letter has been engaged to perform a vulnerability assessment for the . Further detail of this paragraph is left out intentionally.

A Physical and/or Corporate Security Culture Assessment is being performed at the following location(s):

A network Vulnerability Assessment will be performed on the network from the following: an external ISP account, the ITD network, and from within the network at .

The contacts at the agency location that are aware of this exercise are:

Primary Contact Name and Phone Number

Location

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Quick Hit Assessment

- Evaluation of a single server or device.
- Generally performed from the ITD network.
- Results generally provided within 1 or 2 days.





External Assessment

- Performed from ITD network.
 - Assesses the vulnerabilities that systems have to other networks within State government.
- Performed from outside the State networks.
 - Assesses vulnerabilities to systems outside of State government, primarily those on the internet.
 - Zero Based assessment assumes no prior knowledge of the network or department.



Internal Assessment

- Performed on the network of the department requesting the assessment.
 - Assesses the vulnerabilities of the systems being scanned to malicious activities on the owning departments network.
 - These threats could be from disgruntled employees, less than trustworthy consultants or any individual who manages to establish a session on your network.

Modem Sweep

- A specialized system is used to dial all phone numbers provided by the department. Any modems are identified and if accepting connections, limited attempts can be made to authenticate and establish a presence on your network.





Password Assessment

- Passwords are not pulled from the network. System Administrators provide the necessary files on removable media which we test on a stand alone system.
- We have password evaluation programs that can be run against UNIX, Microsoft and Novell passwords.

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Physical Assessment

- Evaluation of the measures implemented in your department to physically protect your critical systems.
- We provide you with a fill-in-the-box checklist of tests you wish us to perform. We will perform only those that you indicate you want.
- Evaluators carry a copy of the signed permission form with them.
- We coordinate our evaluation with Capitol Police.

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Corporate Security Culture Assessment

- An evaluation of the level of employee security awareness.
- Fill-in-the-box checklist of items to perform.
- Evaluators carry signed permission form.
- Capitol police informed.

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Client Agency:

Location:

Client Points of Contact (POC):

Management name, phone, e-mail:

Technical name, phone, e-mail:

Technical name, phone, e-mail:

Assessment Timeframe:

Type Of Assessment Requested:

- ☐ Internal Assessment ☐ External Assessment ☐ Modem Sweep
☐ Password Assessment ☐ Physical Assessment ☐ Corporate
Security Culture

Assessment Detail

Please list the following information for the devices to be scanned:

IP Address OS and version Device name Function Administrator Name



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Vulnerability Assessment Request details (continued)

Network Devices: (check appropriate selection, indicate product and version if known)			
Firewalls: <input type="checkbox"/> Checkpoint <input type="checkbox"/> Gauntlet <input type="checkbox"/> PIX <input type="checkbox"/> Raptor <input type="checkbox"/> Other	Security Products: <input type="checkbox"/> Axent <input type="checkbox"/> Computer Associates <input type="checkbox"/> Other	Network Intrusion Detection Software:	Other Important Products:
Network Topology: <input type="checkbox"/> Token Ring <input type="checkbox"/> Ethernet <input type="checkbox"/> Is this a Switched Network? ('X' for Yes)			

Modem Sweep (if applicable)				
Please list the phone numbers or range of numbers you would like checked:				

Password Assessment (if applicable)	
Please check the appropriate type of Operating System:	
<input type="checkbox"/> Windows	<input type="checkbox"/> Novell Netware <input type="checkbox"/> Unix-based Version: _____

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Client Checklist for Physical and Corporate Security Culture Activities

Physical Assessment: (mark the activities you want performed)

- ☐ All entrances to agency location observed
- ☐ Access to servers restricted
- ☐

Is there anything specific you want us to look for?

Corporate Security Culture Assessment: (mark the activities you want performed)

- ☐ Observe general security activity of personnel
- ☐ Walk through office to check for unattended and unlocked workstations
- ☐

Is there anything you want us to specifically do or not do?

Management POC: _____

Technical POC: _____

Technical POC: _____



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What you can expect from us

- Detailed reports listing the vulnerabilities found, threat rating and documentation explaining how to fix the vulnerability.
- We often include links to the most up to date information available on the internet for your specific vulnerabilities



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What you can expect from us (continued)

- The most pertinent of the raw data from our scans. For large scans the data will be placed in a searchable database.
- Complete confidentiality. We do not share the results of your assessment with any other department or division within ITD.